

Title (en)
PEDESTAL WITH EMBEDDED CAMERA(S) FOR BEAM STEERING

Title (de)
SOCKEL MIT EINGEBETTETER KAMERA(S) ZUR STRAHLENKUNG

Title (fr)
SOCLE AVEC CAMÉRA(S) INCORPORÉE(S) POUR L'ORIENTATION DU FAISCEAU

Publication
EP 3834186 B1 20221214 (EN)

Application
EP 19762503 A 20190805

Priority

- US 201862714969 P 20180806
- US 2019045108 W 20190805

Abstract (en)
[origin: US2020043312A1] Systems and methods for operating a pedestal of an Electronic Article Surveillance (“EAS”) system. The methods comprise: capturing at least one first image or video by a camera coupled to the pedestal; analyzing the at least one first image or video to detect a person's presence and determine the person's location relative to the camera; determining a first beam pointing direction for the pedestal based on results of the analysis of the at least one first image or video; and steering a read beam of the pedestal in accordance with the first beam pointing direction so that a main lobe of the pedestal's antenna field pattern covers a first area of an interrogation zone.

IPC 8 full level
G08B 13/24 (2006.01)

CPC (source: EP US)
G08B 13/2434 (2013.01 - US); **G08B 13/2448** (2013.01 - US); **G08B 13/2462** (2013.01 - US); **G08B 13/2468** (2013.01 - EP); **G08B 13/2471** (2013.01 - EP); **G08B 13/2474** (2013.01 - EP US); **G08B 13/248** (2013.01 - EP US)

Citation (examination)
US 2015269818 A1 20150924 - JAIN BINIT [US], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 11017648 B2 20210525; US 2020043312 A1 20200206; CN 112513947 A 20210316; EP 3834186 A1 20210616; EP 3834186 B1 20221214; ES 2938413 T3 20230410; WO 2020033311 A1 20200213

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US 201916531751 A 20190805; CN 201980051300 A 20190805; EP 19762503 A 20190805; ES 19762503 T 20190805; US 2019045108 W 20190805